

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-32 (canceled)

33. (Currently Amended) A method to select a cell in a mobile communications equipment (MCE) when transitioning from a connected mode state to an idle mode state, the MCE configurable for use in a cellular network, the method comprising:

beginning state transition activity, the MCE currently in the connected mode state; identifying a set of UMTS-based candidate cells, wherein at least one of the set of candidate cells is a cell which is not currently supporting the first connected mode state; selecting a candidate cell from the identified set of candidate cells that includes the at least cell which is not currently supporting the connector mode state; and transitioning to an idle mode state from the connected mode state.

34. (Previously Presented) The method of claim 33 wherein said at least one of the candidate cells which is not currently supporting the connected mode state is a cell identified to the MCE by a network.

35. (Previously Presented) The method of claim 33 wherein said at least one of the candidate cells which is not currently supporting the connected mode state is a cell neighboring a cell supporting the connected mode state.

36. (Previously Presented) The method of claim 33 further comprising storing information relating to at least one candidate cell which is not currently supporting the connected mode state arising from past data gathering by the MCE.

37. (Previously Presented) The method of claim 36 wherein said stored information stored comprises power measurement data.

38 (Previously Presented) The method of claim 37 further comprising: storing information comprising power measurements with respect to a plurality of candidate cells of the identified candidate cell set, the information gathered previous to the beginning state transition activity; and

selecting the selected candidate cell based at least in part on said power measurements.

39. (Previously Presented) The method of claim 33 where the connected mode state comprises one of Cell_DCH, Cell_FACH, Cell_PCH, and URA_PCH.

40. (Previously Presented) The method of claim 33 where the identified candidate cell set comprises active cell(s) used to support the connected mode state.

41. (Previously Presented) The method of claim 33 where the identified candidate cell set comprises the serving cell used to support the connected mode state.

42. (Currently Amended) A mobile communications equipment (MCE) configured for use in a cellular network, comprising:
a processor and operating environment configured to run software processes, the software processes configured to enable the MCE to transition from a connected mode state to an idle mode state, and to determine a set of UMTS-based candidate cells, wherein

at least one of the set of candidate cells is a cell which is not currently supporting the connected mode state, and further configured to select a candidate cell from the identified set of candidate cells that includes the at least one cell which is not currently supporting the connected mode state and to use the selected member when transitioning to the idle mode state from the connected mode state.

43. (Previously Presented) The MCE of claim 42 wherein the at least one of the candidate cells which is not currently supporting the connected mode state is a cell identified to the MCE by a network.

44. (Previously Presented) The MCE of claim 42 wherein the at least one of the candidate cells which is not currently supporting the connected mode state is a cell neighboring a cell supporting the connected mode state.

45. (Previously Presented) The MCE of claim 42 further comprising storing information relating to at least one candidate cell which is not currently supporting connected mode state, the stored information gathered by the MCE corresponding to the at least one cell.

46. (Previously Presented) The MCE of claim 45 wherein the stored information comprises power measurement data.

47. (Previously Presented) The MCE of claim 46 further comprising:
stored information comprising power measurements with respect to a plurality of candidate cells of the identified candidate cell set, the information gathered previous to the state transition; and

wherein the selection of the selected candidate cell is based at least in part on said power measurements.

48. (Previously Presented) The MCE of claim 42 where the connected mode state comprises one of Cell_DCH, Cell_FACH, Cell_PCH, and URA_PCH.

49. (Previously Presented) The MCE of claim 42 where the candidate cell set comprises active cell(s) used to support the connected mode state.

50. (Previously Presented) The MCE of claim 42 where the candidate cell set comprises the serving cell used to support the connected mode state.

51. (Currently Amended) A method to select a cell in a mobile communications equipment (MCE) when transitioning from a first connected mode state to a second connected mode state, the MCE configurable for use in a cellular network, the method comprising:

beginning state transition activity, the MCE currently in the first connected mode state;

identifying a set of UMTS-based candidate cells, wherein at least one of the candidate cells is a cell which is not currently supporting the first connected mode state;

selecting a candidate cell from the identified set of candidate cells that includes the at least one cell which is not currently supporting the connected mode state; and

transitioning to the second connected mode from the first connected mode state using the selected candidate cell, where the first and second connected mode states are, each, one of: Cell_FACH, Cell_PCH, and URA_PCH.

52. (Currently Amended) The method of claim 51 wherein said at least one of the candidate cells which is not currently supporting the first connected mode state is a cell identified to the MCE by a network.

53. (Previously Presented) The method of claim 51 wherein said at least one of the candidate cells which is not currently supporting the first connected mode state is a cell neighboring a cell supporting the first connected mode state.

54. (Previously Presented) The method of claim 51 further comprising storing information relating to at least one candidate cell which is not currently supporting the first connected mode state arising from past data gathering by the MCE and corresponding to the same cell.

55. (Previously Presented) The method of claim 54 wherein said stored information stored comprises power measurement data.

56. (Previously Presented) The method of claim 55 further comprising:
storing information comprising power measurements with respect to a plurality of candidate cells of the identified candidate cell set, the information gathered previous to the beginning state transition activity; and
selecting the selected candidate cell based at least in part on said power measurements.

57. (Previously Presented) The method of claim 51 where the candidate cell set comprises active cell(s) used to support the first connected mode state.

58. (Previously Presented) The method of claim 51 where the candidate cell set comprises the serving cell used to support the first connected mode state.

59. (Currently Amended) A mobile communications equipment (MCE) configured for use in a cellular network, comprising:

a processor and operating environment configured to run software processes, the software processes configured to enable the MCE to transition from a first connected mode state to a second connected mode state, and to determine a set of UMTS-based candidate cells wherein at least one of the set of candidate cells is a cell which is not currently supporting the first connected mode state, and further configured to select a candidate cell from the identified set of candidate cells that includes the at least one cell which is not currently supporting the connected mode state and to use the selected member when transitioning to the second connected mode state from the first connected mode state where the first and second connected mode states are, each, one of: Cell_FACH, Cell_PCH, and URA_PCH.

60. (Previously Presented) The MCE of claim 59 wherein the at least one of the candidate cells which is not currently supporting the first connected mode state is a cell identified to the MCE by a network.

61. (Currently Amended) The MCE of claim 59 wherein the at least one of the candidate cells which is not currently supporting the first connected mode state is a cell neighboring a cell supporting the first connected mode state.

62. (Previously Presented) The MCE of claim 59 further comprising storing information relating to at least one candidate cell which is not currently supporting the first connected state, the stored information gathered by the MCE corresponding to the at least one cell.

63. (Previously Presented) The MCE of claim 62 wherein the stored information comprises power measurement data with respect to a plurality of candidate cells of the identified candidate cell set, the information gathered previous to the state transition; and wherein the selection of the selected candidate cell is based at least in part on said power measurements.

64. (Previously Presented) The MCE of claim 59 where the candidate cell set comprises active cell(s) used to support the first connected mode state.

65. (Previously Presented) The MCE of claim 59 where the candidate cell set comprises the serving cell used to support the first connected mode state.